

Figure 1

Remodelling of the cell cycle during embryonic development/differentiation

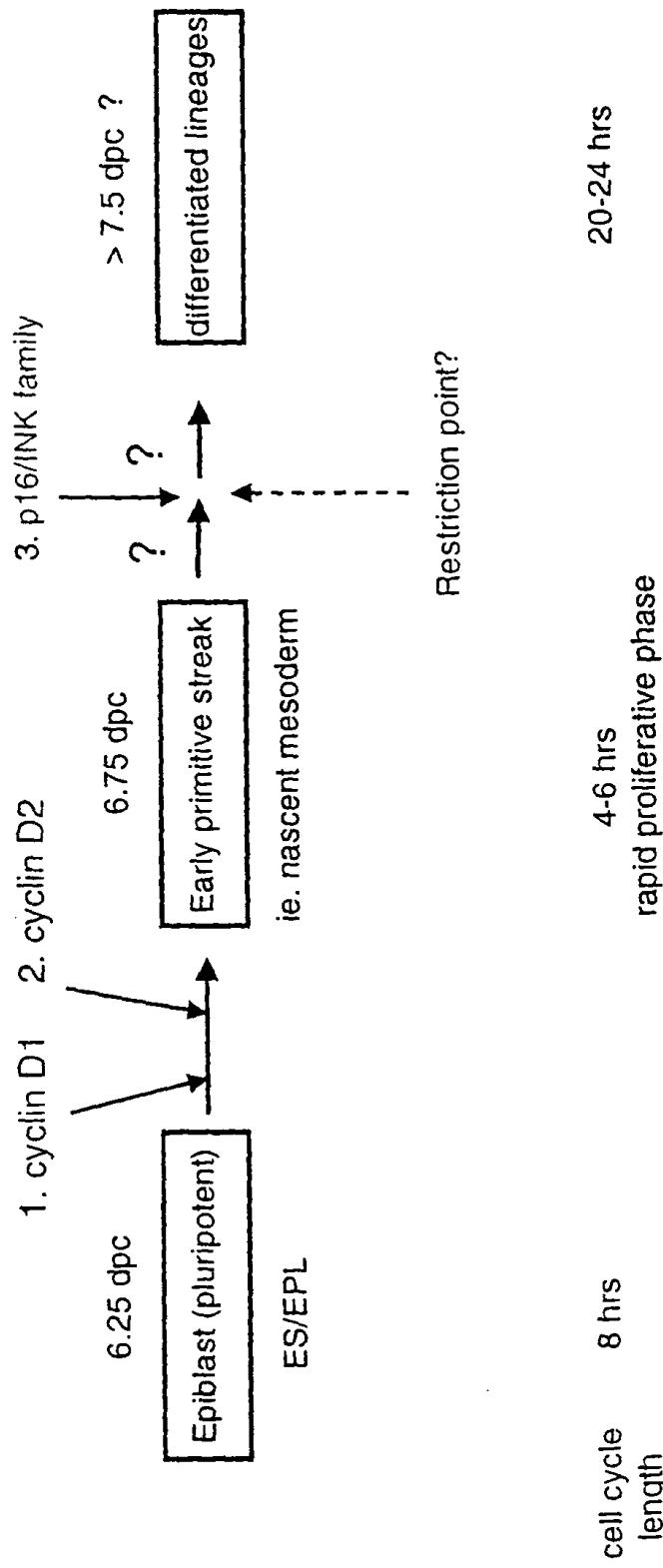
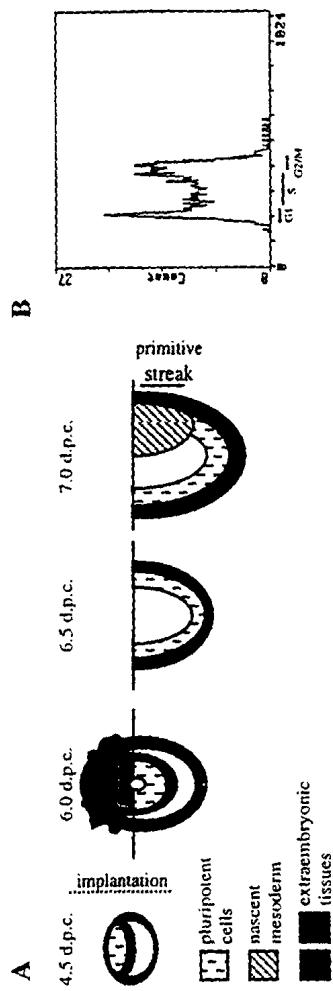


Figure 2

Figure 3



Early mouse embryogenesis. A. Schematic representation of mouse embryogenesis, between 4.5 and 7.0 d.p.c., highlighting the pluripotent cell populations and prior to and during the onset of gastrulation. Gastrulation initiates at the primitive streak and results, initially, in the formation of mesoderm. B. Pluripotent cells from 6.5 d.p.c. embryos were isolated, labeled with propidium iodide and subjected to flow cytometry analysis.

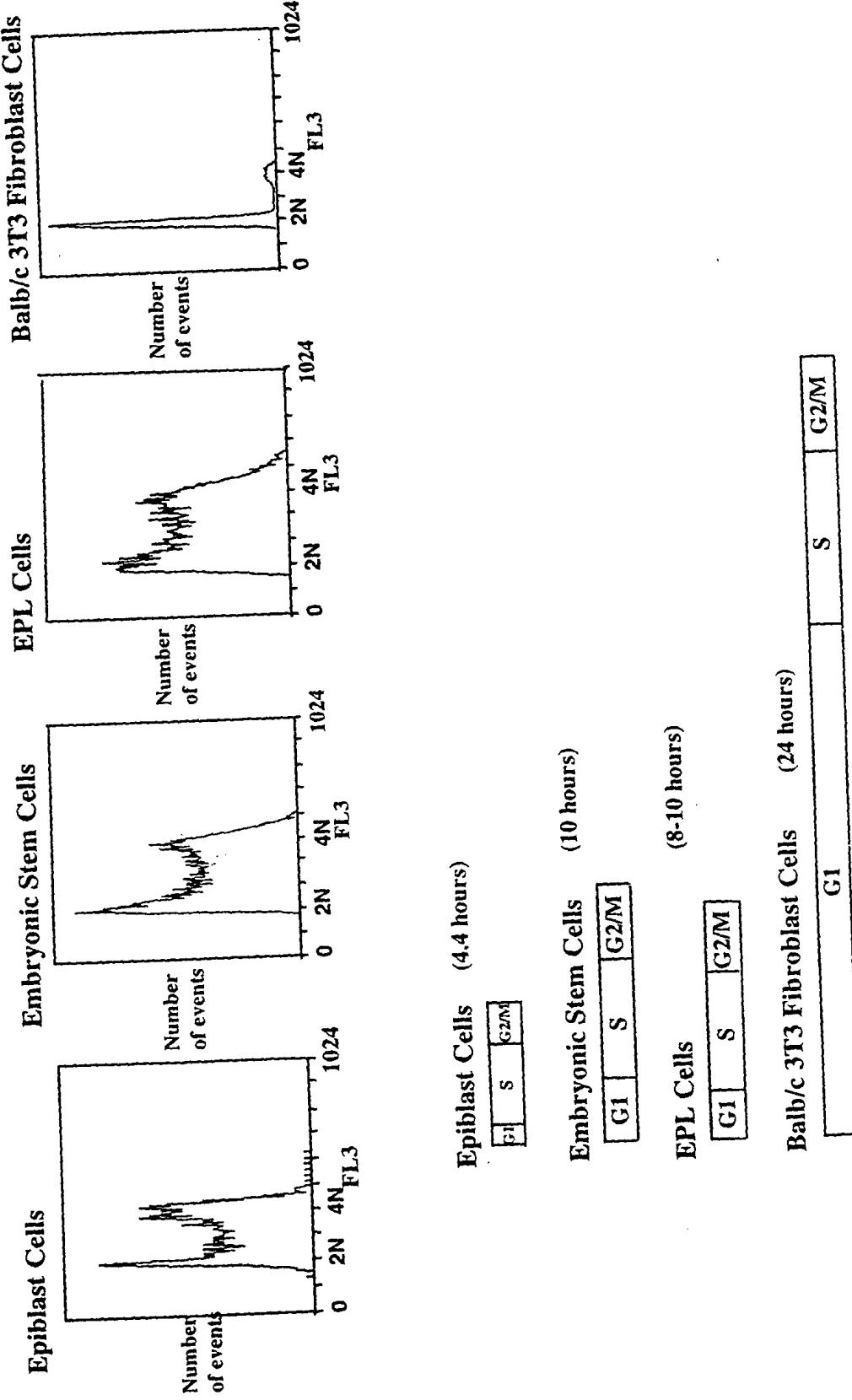
Figure 4

Figure 5
Cell cycle remodelling during differentiation of cells in embryoid bodies

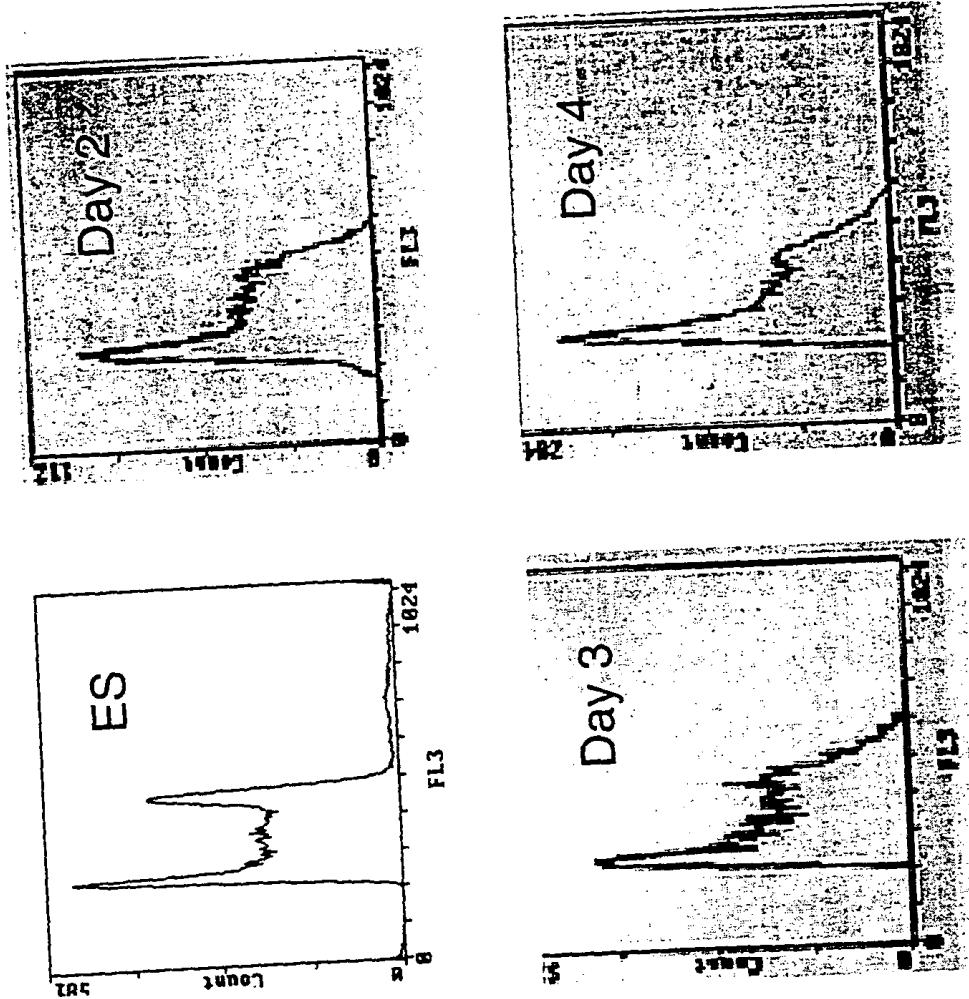
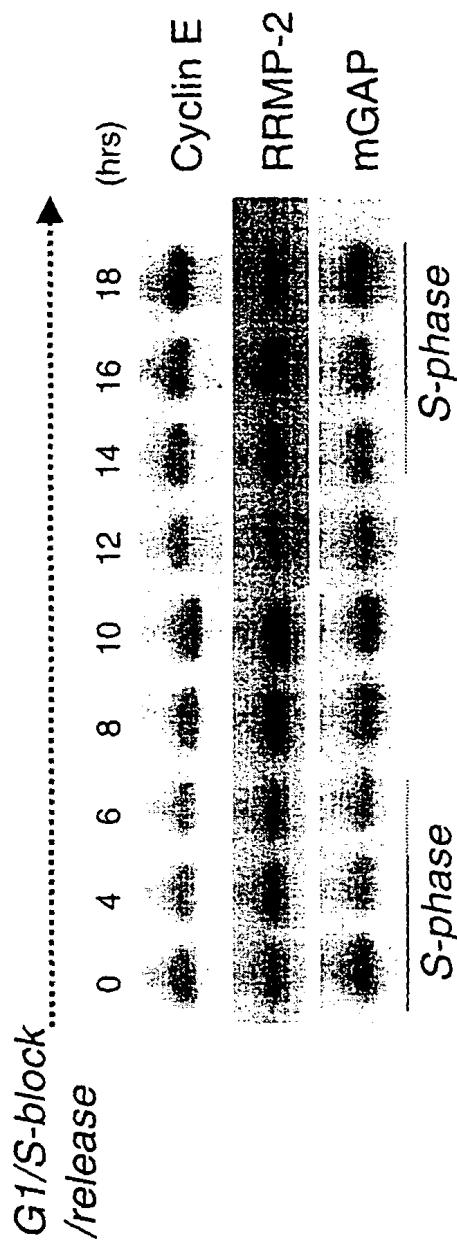


Figure 6

E2F target genes are not cell cycle regulated in ES cells



Cell cycle regulation of E2F transcripts in mouse fibroblasts

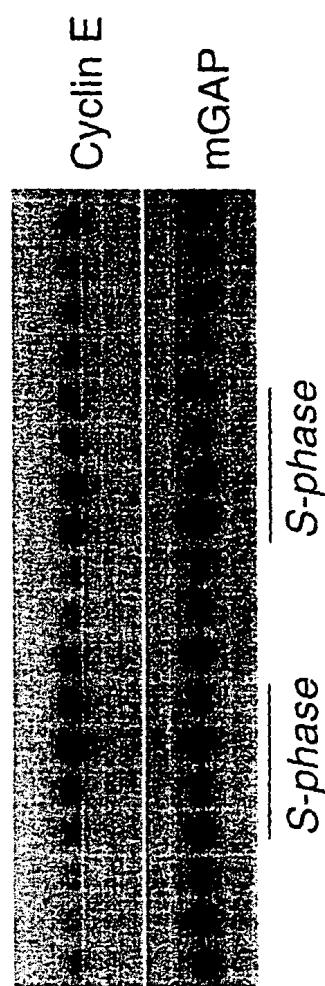
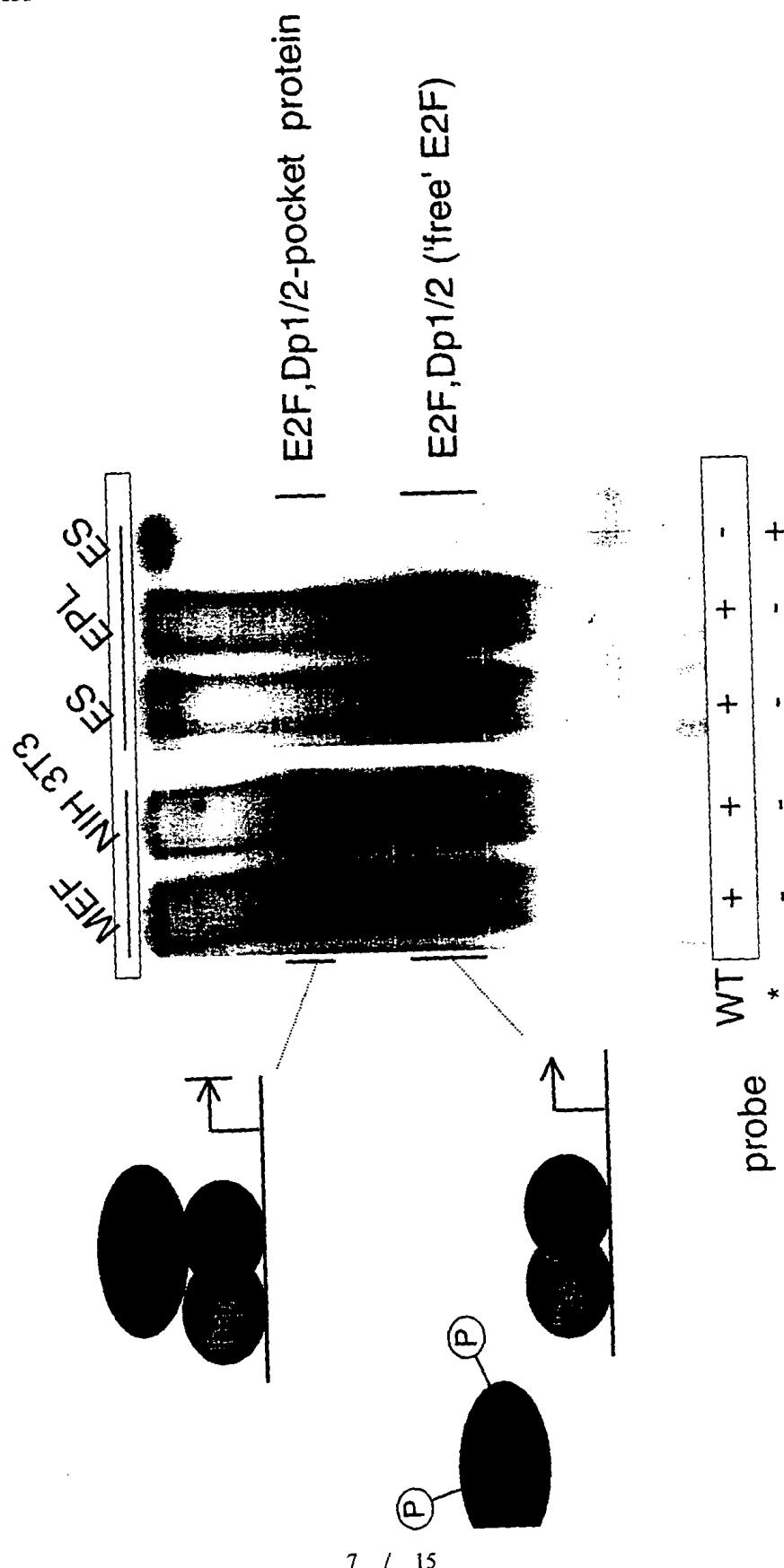


Figure 7



E2F complexes in pluripotent cells are predominantly free of pRb family members.

E2F4 is the major E2F activity in ES cells

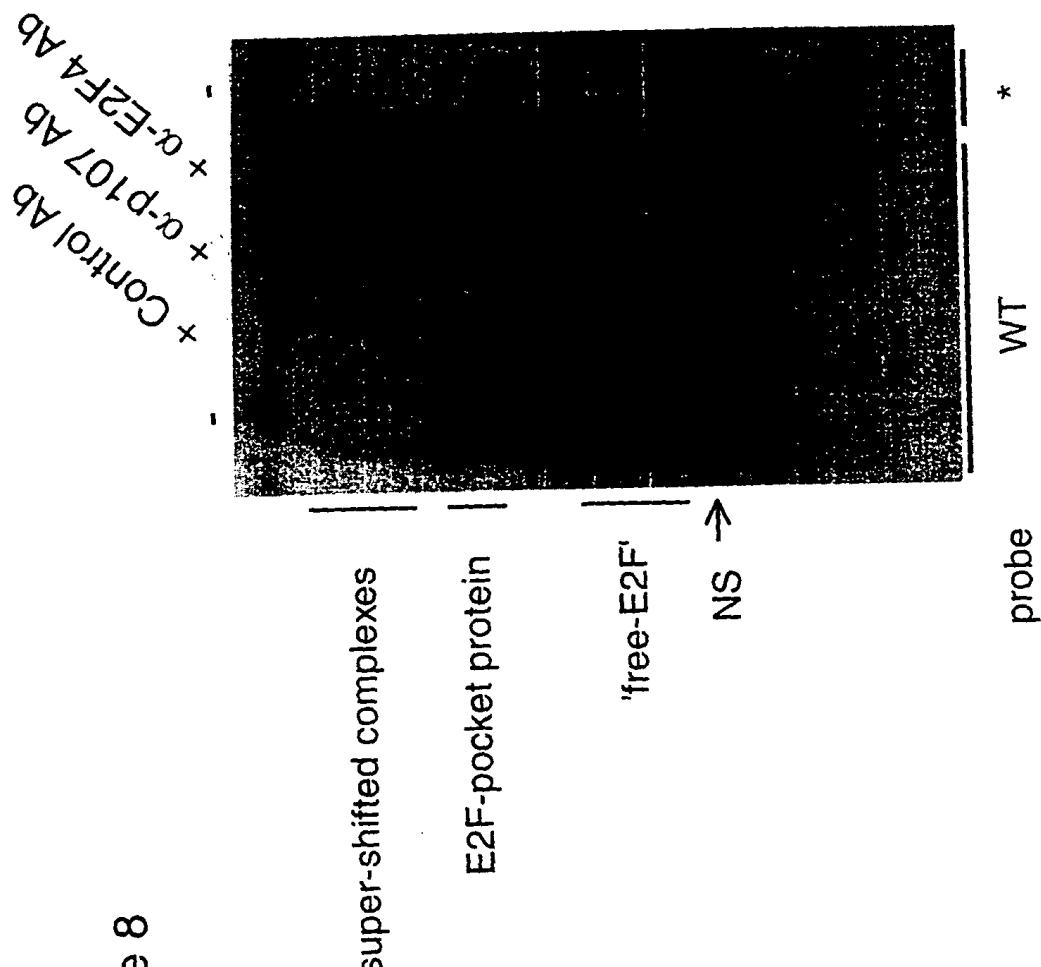
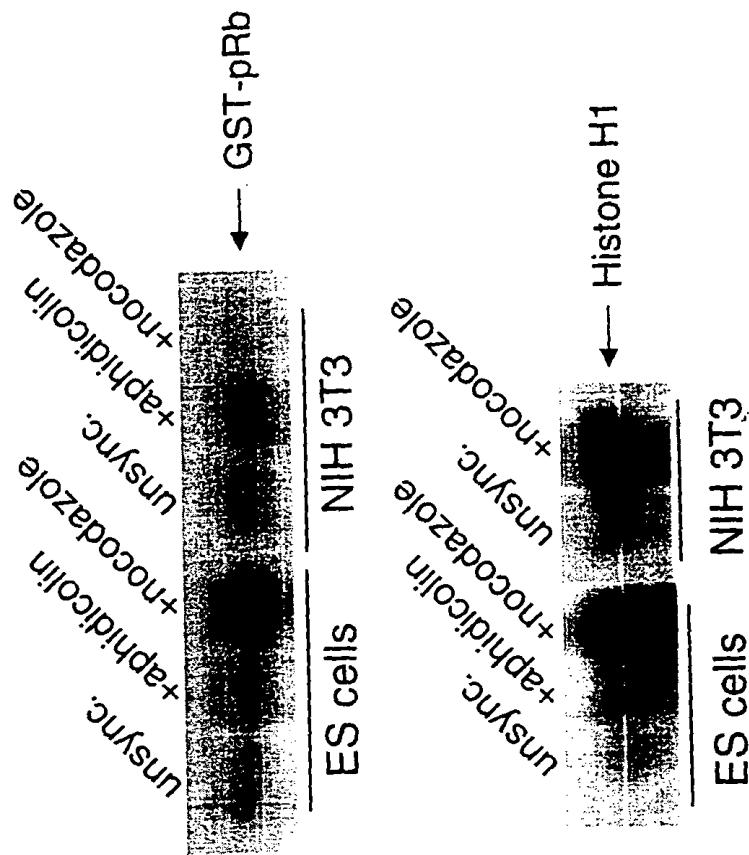


Figure 8

Figure 9



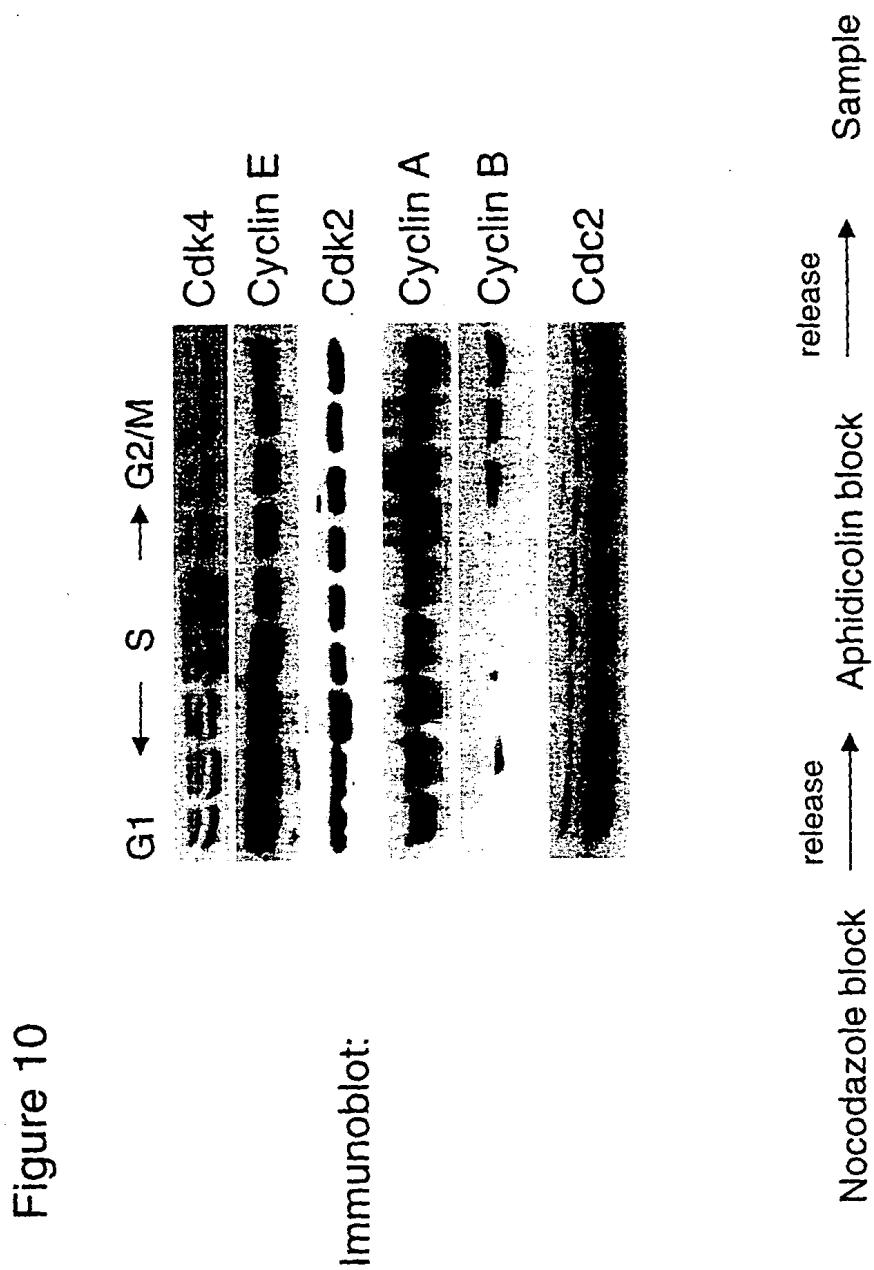
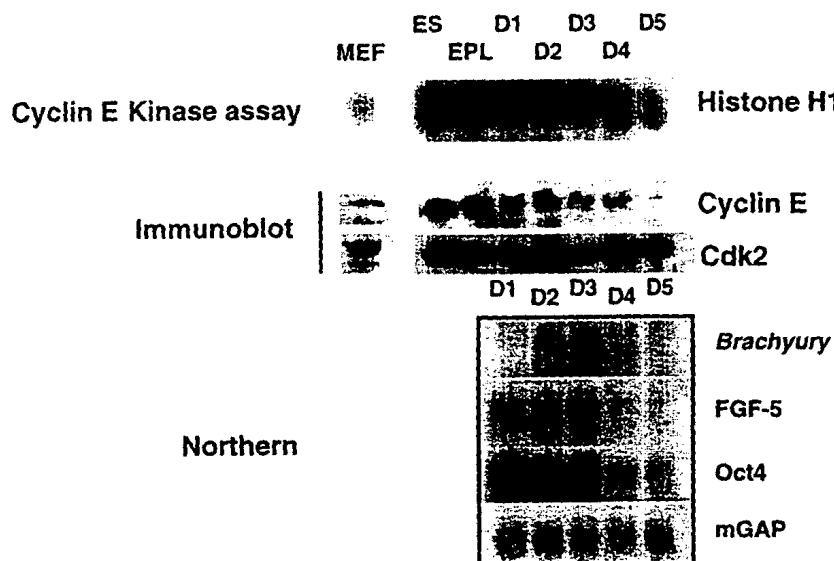


Figure 11



ES → EPL → EPL embryooid bodies → mesoderm

Cyclin E and cyclin A associated kinase activities collapse during differentiation

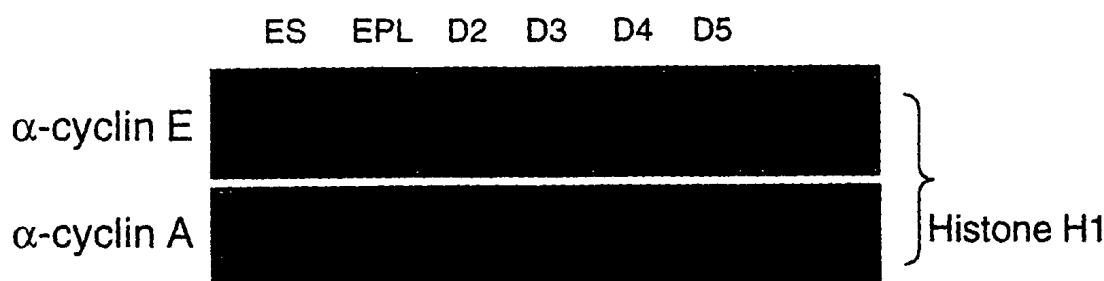


Figure 12

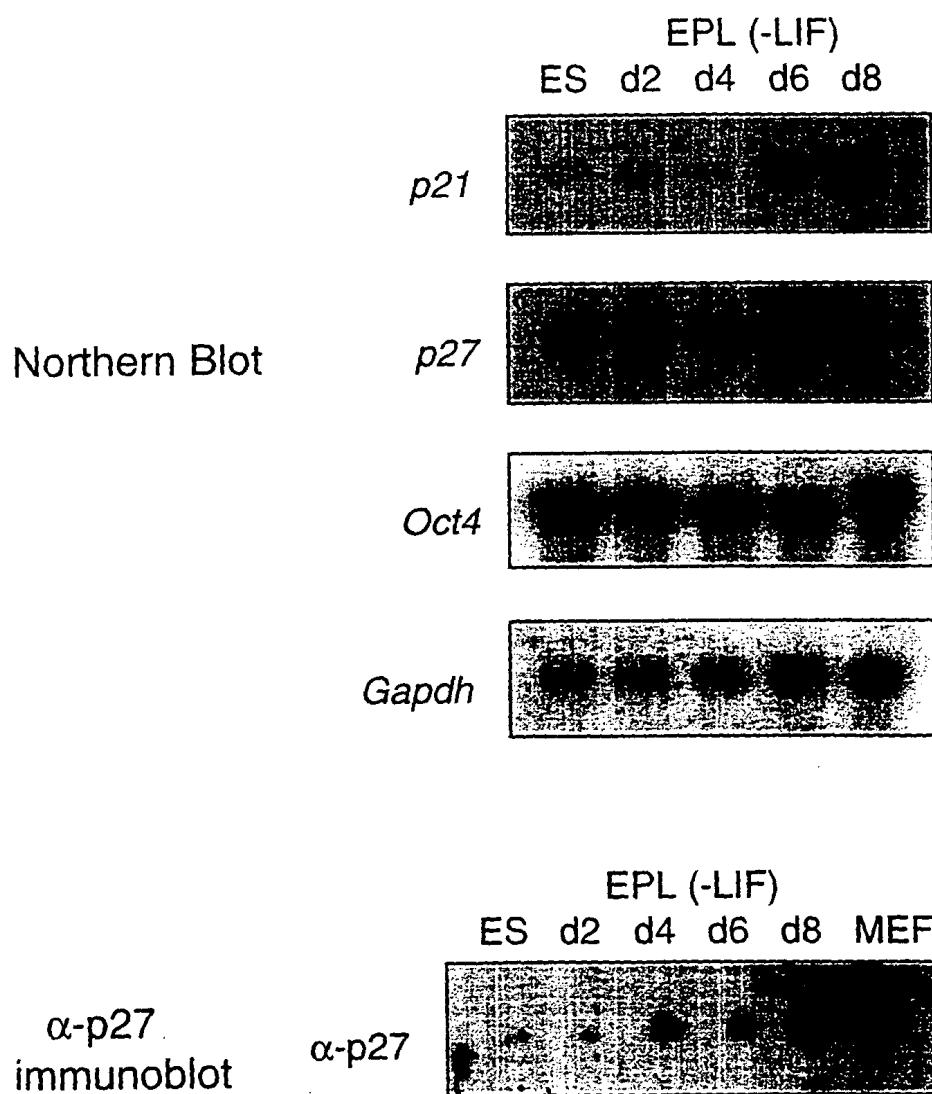


Figure 13

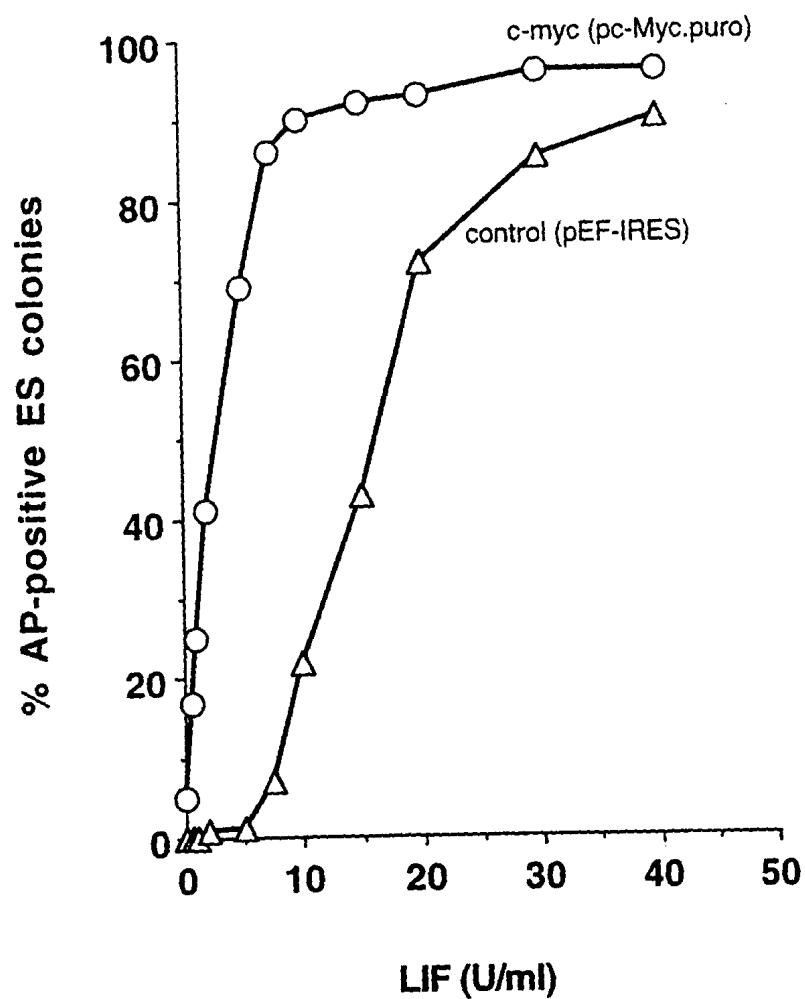


Figure 14

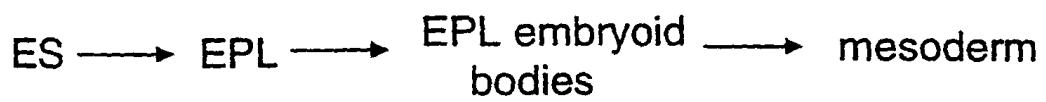
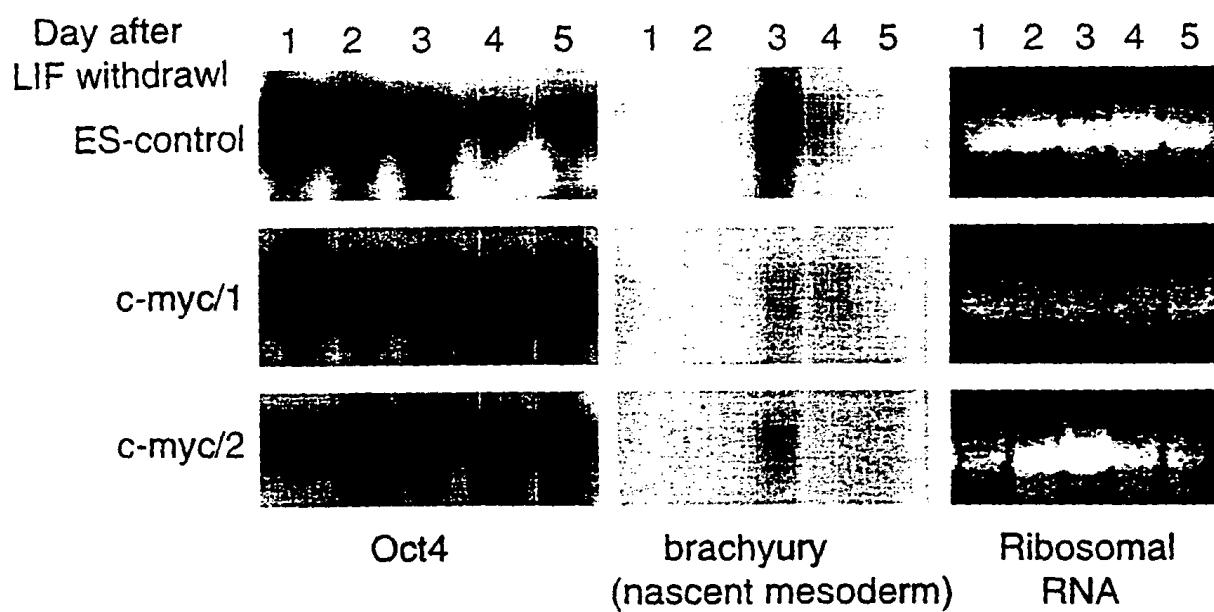


Figure 15